

RECEIVED

PATENT
APPLICATION

Inventor(s): UEMURA et al

Appl. No.: 08

866,129

Series Code ↑

Serial No. ↑

JAN 27 1999

GROUP 2100

Group Art Unit

2814

Examiner:

Wille, D.

Atty. Dkt. PMS

238641

F97-121-US

M#

Client Ref

Filed: May 30, 1997

Title: METHODS AND DEVICES RELATED TO ELECTRODE PADS
FOR P-TYPE GROUP III NITRIDE COMPOUND

(Our Deposit Account No. 03-3975)

(Our Order No.

31317

238641

C#

M#

Date:

January 19, 1999

Asst. Commissioner of Patents
Washington, D.C. 20231

Sir:

REPLY/AMENDMENT/LETTER

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. "Small Entity" statement(s) filed

- ☐ previously
☐ herewith

(No.)

	Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code
2. Total Effective Claims	21	**minus 20	1	x \$18/\$9 =	+ 18	103/203
3. Independent Claims	3	***minus 3	0	x \$78/\$39 =	+ 0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application).....add				+ \$260/\$130 =	+ 0	104/204
5. Original due Date: November 19, 1998	<input type="checkbox"/> NONE					
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached		(1 mo) (2 mos) (3 mos)	\$110/\$55 = \$380/\$190 = \$870/\$435 =	+ 380		115/215 116/216 117/217
7. Enter any previous extension fee paid since above original due date and subtract			-			
8.	Extension Fee Attached				+ 380	
9. If Terminal Disclaimer attached, add Rule 20(d) official fee				+ \$110/\$55 =	+ 0	148/248
10. If IDS attached requires Official Fee,add				+ \$240 =		126
or if Rule 97(d) Petitionadd				+ \$130 =	+ 0	122
11. After-Final Request Fee per rules 129(a) and 17(r)				+ \$760/380 =	+ 0	146/246
12. No. of additional inventions for examination per Rule 129(b)				x \$760/380 ea =	+ 0	149/249
13. Petition fee for					+	
14.	TOTAL FEE ENCLOSED =				\$398	

15. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

16. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

17. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown in the heading hereof, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

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Intellectual Property Group

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NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments

01/25/1999 RRG:JMT 00000163 08866129

01 FC:103
02 FC:116

18.00 OP
380.00 OP

PAT-103 12/97

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

UEMURA et al

Appln. No.: 08/866,129

Filed: May 30, 1997

For: METHODS AND DEVICES RELATED TO
ELECTRODE PADS FOR P-TYPE GROUP III
NITRIDE COMPOUND SEMICONDUCTORS
* * * *



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JAN 27 1999

GROUP 2100

Atty. Dkt. No.: 238641

Group Art Unit: 2814

Examiner: D. Willie

January 19, 1999

AMENDMENT/RESPONSE

Hon. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated August 19, 1998, please enter the following amendments and consider the following remarks.

IN THE CLAIMS:

Kindly add the following new claims.

--20. (New) An electrode pad according to claim 6, wherein materials of said second electrode layer do not permeate into said first electrode layer right under said electrode pad, which enables the interface between said electrode layer and said semiconductor right under said electrode pad to have a large resistivity and not have electric current pass therethrough.

21. (New) A light-emitting semiconductor device of a Group III nitride compound semiconductor with p-type conduction according to claim 12, wherein materials of said second electrode layer do not permeate into said first electrode layer right under said electrode pad, which enables the interface between said electrode